Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1. (Currently amended): A disk control system that receives a process command for writing or reading of data from an information processing device, and performs a write or read process of data with respect to a logical device corresponding to a logical unit specified by ~~that~~ said process command, comprising:

means for managing, ~~as units,~~ at least one logical ~~devices~~device, ~~which are~~ said logical device being a logical storage ~~regions~~ region that ~~have~~ has been set in a storage region provided by a disk drive;

means for storing a correspondence between said logical ~~devices~~ device and at least one logical ~~units~~unit, said logical ~~units~~ unit being a storage ~~regions~~ region that ~~have~~ has been set logically;

means for assigning, when a first process command has been received for a first logical unit to which no logical device has been assigned to said first logical unit, a first logical device to ~~that~~ said first logical unit and for performing processing with regard to ~~that~~ said first logical device; and

means for responding to said information processing device, when a second process command that does not cause ~~a~~ an input/output process with regard to a second logical device has been received from said information processing device, by performing ~~a~~ said second ~~process corresponding to that~~ process command without performing said logical device assignment.

2. (Canceled)

3. (Currently amended): A disk control system according to claim 1, further comprising:

means for assigning a plurality of said logical devices to one of said logical units; and

means for assigning to that logical unit only a number of said logical devices that is necessary in order to perform the processing corresponding to said first process command.

4. (Currently amended): A disk control system according to claim 1, further comprising:

means for sending to said information processing device a message indicating that said first process command cannot be processed, if there is no logical device that can be assigned to said logical unit.

5. (Currently amended): A disk control system according to claim 1, further comprising:

means for sending to said information processing device a message indicating that reading is impossible~~, if a process command requesting the reading of data from a logical unit to which no logical device has been assigned has been received from said information processing device~~.

6. (Original): A disk control system according to claim 1, wherein said information processing device is an open system computer.

7. (Currently amended): A disk control system according to claim 1, wherein said first and second process ~~command~~ commands of the disk control system ~~is a~~ are SCSI ~~command~~commands.

8 and 9. (Canceled)

10. (Currently amended): A control method for a disk control system that manages, ~~as units,~~ logical devices, which are logical storage regions that have been set in a storage region provided by a disk drive, that stores a correspondence between said logical devices and a plurality of logical units, said logical units being storage regions that have been set logically, that receives a process command that has been sent from an information processing device, and that performs processing with regard to a logical device corresponding to the logical unit specified by ~~that~~ said process command, the control method comprising:

a first step of receiving a first process command for a first logical unit;

a second step of determining whether a first logical device has been assigned to ~~that~~ said first logical unit; and

if in said second step a first logical device is assigned to said first logical unit, a third step of performing with regard to ~~that~~ said first logical device ~~a process corresponding to~~ said first process command, and, if in said second step no logical device is assigned to said first logical unit, assigning a logical device to said first logical unit and performing with regard to ~~that~~ said first logical device ~~a process corresponding to~~ said first process command;

a fourth step of receiving a second process command for a second logical unit;

a fifth step of determining whether a second logical device has been assigned to said second logical unit; and

if no logical device has been assigned to said second logical unit and said second process command is a command that does not cause an input/output process with regard to second said logical device, performing second process command without assigning a logical device to said second logical unit.

11. (Previously presented): A control method for a disk control system that manages, as units, logical devices, which are logical storage regions that have been set in a storage region provided by a disk drive, that stores a correspondence between said logical devices and logical units, said logical units being storage regions that have been set logically, that receives a process command that has been sent from an information processing device, and that performs processing with respect to a logical device corresponding to the logical unit

specified by that process command, the control method comprising, when a process command has been received for a logical unit:

if a logical device has been assigned to that logical unit, performing with regard to that logical device a process corresponding to that process command;

if no logical device has been assigned to that logical unit and that process command is a command that does not cause a process with regard to said logical device, performing a process corresponding to that process command without assigning a logical device to that logical unit; and

if no logical device has been assigned to that logical unit and that process command is a command that causes a process with regard to said logical device, assigning a logical device to said logical unit and performing with regard to that logical device a process corresponding to that process command.